

September 8, 2005

INSTRUCTIONAL BULLETIN NO. 2005-9

SUBJECT: Design Field Review Options for Bridge Projects

EFFECTIVE DATE: September 8, 2005

SUPERSEDES: None

RE: None

For roadway plans on bridge projects to be completed, hydraulic engineering work is needed at various stages of plan development. Road Design's standard procedure requires plan information to be sent to Hydraulic Engineering for roadway drainage and sediment and erosion control after revisions, obtained from the Design Field Review (DFR), have been made by the Design Group. Plan information for bridge project hydrology may follow an alternate schedule. When bridge approach projects need roadway hydrology and/or a NPDES plan, a DFR may or may not be necessary. On bridge approach projects where the existing alignment is being retained and no appreciable changes to side roads and their intersections, a DFR will not be necessary and roadway information can be sent to Hydraulic Engineering without a DFR. The DFR can only be exempted when no revisions are proposed to the present alignment and the alignment is not controversial on these simple bridge replacement projects. If the roadway section is three lanes or more, the DFR cannot be exempted.

When the DFR is exempted, the Design Group must have approval to eliminate the DFR by e-mail or memorandum from the following Project Development Team members.

- Bridge Program Manager
- Preliminary Design Engineer
- Project Facilitator
- District Construction Engineer

To obtain approval, plans with design, grades, and templates will be scanned and made available on Project Viewer under the DFR icon. The Design Group Coordinator will e-mail the link to the DFR plans to those listed above. These Project Development Team members will be given five days to provide approval. If they have not responded within five days, it will be considered that they have no comments unless the Design Group is otherwise notified. The e-mails with the approval must be retained in the project folder. After all approvals have been received, the plans may then be sent to Hydraulic Engineering for roadway drainage without a DFR.

Approved: _____

E. S. Eargle
Road Design Engineer

ESE:afg

cc:

Mark C. Lester, Prog. Dev. West
Rocque Kneece, Prog. Dev. East
Randy Williamson, 'C' Program Development

Charles K. Smoak, Hydraulic Engineer
Doug McClure, Bridge Design Engineer